

[illegible]

Jed Heyes

Office of Quality and Best Practices

2009 DOE QA Concerns – CAP Status

- ◆ 4 New CAPs OQ-01/04/2010-01 thru -04
 - ❖ C1 & C2 Terms used in CAPA procedure – OQ-01/04/2010-01 – complete
 - ❖ C3 WSS/FESHM 1070 maintenance roles - OQ-01/04/2010-03 – complete
 - ❖ C6 Documentation of acceptance testing varies - OQ-01/04/2010-04
 - Inspection assessment scheduled for FY2011
 - ❖ C7 & C8 Identify assessment criteria, define terms – OQ-01/04/2010-02
 - C7 Mgmt. Assess. Procedure updated & posted - complete
 - C8 Manual initial updates from assessment - complete
 - Manual being revised to incorporate H13 Clause requirements
 - ES&H/QA taskforce integrating FESHM & QA procedures

Office of Quality and Best Practices

2009 DOE QA Concerns – CAP Status

◆ Existing As-Is CAPs

- ❖ C5 Fermilab Chief Engineer – OQ-05/22/2009-01 – Director letter to FSO
- ❖ C4 & SC1 (sig. concern) Inconsistent engineering practices, lack of Engineering Manual – OQ-05/22/2009-02 – Due 07/31/10
 - Manual approved by Laboratory Director, printed
- ❖ C9 & C10 S/CI roles & disposition – OQ-05/30/2009-06 – complete
 - Other activities
 - Collected training samples
 - Tag specifications approved by COO / Site SSO
 - Provided specifications on S/CI tag to Property Manager
 - Reviewing FESHM for a place to reference the new tag

Office of Quality and Best Practices

2009 DOE QA Concerns – 4 CAPs from 2006 DOE QA assessment

- ❖ Criterion 2 Job specific training – OQ-08/10/2009-01 - complete
 - System enhancements in process, pilot runs planned

- ❖ Criterion 4 Document management – OQ-08/05/2009-01
 - Teamcenter program of work completed 06/01/10
 - Sharepoint program of work 1st draft done, review ready 07/31/2010
 - Split above into two CAPs both IT infrastructure
 - New CAP for COO for non IT (policy, process, procedures)
 - Work began with lab-wide survey

- ❖ Criterion 4 Records management – OQ-08/05/2009-02 85% by 09/30/10

- ❖ Criterion 8 Calibration – AD-05/07/2009-03 complete by 11/01/10

Office of Quality and Best Practices

Project QA Status

◆ Science / Project QA

❖ Project QAE

- Presentation on QA to project teams
 - Awaiting Director's signature on project QA charge to proceed

❖ Science As-Is baseline completed

- Reports reviewed by process owners, research AD, Program Planning
 - Minerva, MINOS, Muon Accelerator, D0, Lattice QCD
 - FICAP, ANSI/ASQ Z1.13 to Fermilab QA Guidelines for Scientific Research
- Reports in OQBP review
- Team: Tom King (QAE), Bakul Banerjee (CD), Keith Schuh (PPD)
- Review committee to be assembled by AD for Research
 - Review gaps, recommend & assign CAPs

Office of Quality and Best Practices

Assessment Program

◆ OQBP Assessment program

❖ FY2010 Completed Nov-May

- FESS time & materials
- AD Linac power amp. tube management
- BSS Wired telecom
- ES&H Nuclear materials management
 - consolidated ES&H, QA
- TD Work Process Controls (Report currently in review)
 - consolidated tripartite DOE, ES&H, QA

❖ FY2010 Remaining – Jun-Sept (Simultaneous, both active)

- CD WAN - Small
- AD Power outage recovery (leverage RCA from CD outage) - Large

Office of Quality and Best Practices

Assessment Program

◆ OQBP Assessment program

❖ FY2011 Being planned (# contingent on resources, - QAE 6 & 7)

- Tentative candidates include
 - PPD Requirements management
 - Scientific editorial review (by request)
 - Divisions receipt inspection & test
 - Sections receipt inspection & test
 - EVMS
 - Divisions S/CI implementation
 - Sections S/CI implementation
 - Divisions M&TE
 - Sections M&TE
 - OQBP V&V for closed assessment CAPs

Office of Quality and Best Practices

Accomplishments since last brief

- ◆ General employee QA training – complete, in use
- ◆ Automated Graded Approach Tool on production server
 - ❖ QARs to determine roll out
- ◆ Assessment Manual & Procedures completed
 - ❖ Additional review & reconciliation with D/S/Cs
 - ❖ Updated for new CAPs from 2009 DOE QA assessment
 - Finishing updates from H13 clause
 - ❖ Schedule consolidation – lists complete, maintenance ongoing
- ◆ S/CI Procedure updates added, comments reconciled, posted
- ◆ FICAP – Lessons learned program implemented
 - SSOs trained, QARs by 07/15/2010
- ◆ As-Is science report reviewed by research AD, in OQBP queue

Office of Quality and Best Practices

Future Targets Against Schedule

- ◆ Consolidated assessment program - June 30, 2010
 - ❖ Began before scheduled start, lists being refined
 - ❖ Developing a web based calendar representation, excel & access
- ◆ Complete acceptance of Corrective Actions from Science As-Is for QA implementation – Oct 31, 2010
- ◆ Contractor Assurance
 - ❖ Procedures Due – Oct 31, 2010
 - Management Review
 - Worker Feedback
- ◆ Modify FICAP to accommodate H13
 - ❖ Targeting February 28th, 2010
- ◆ COTS project morphed into frESHTRK/Vector -goal a qaTRK overlay

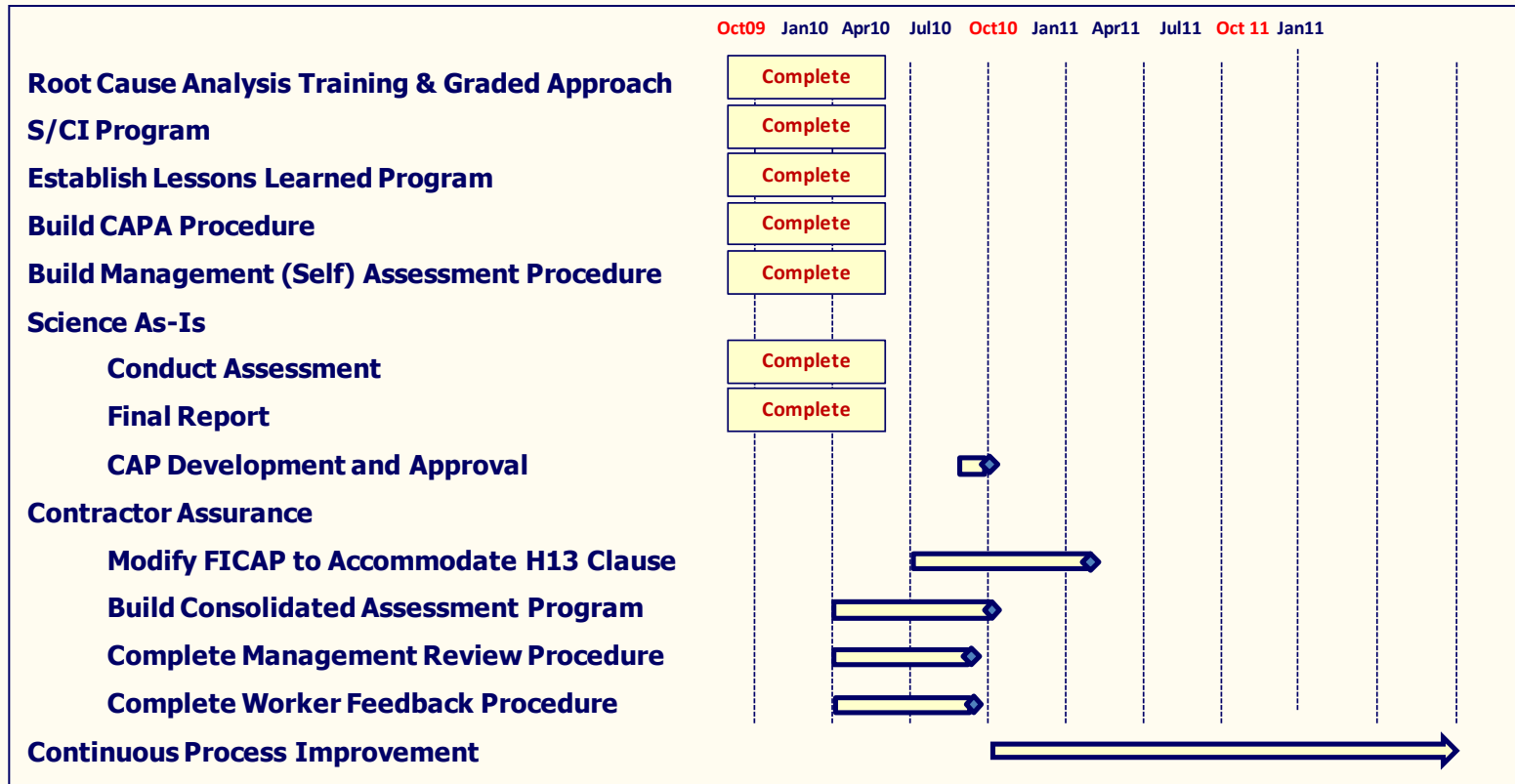
Office of Quality and Best Practices

Future Implementation & Improvements

- ◆ Improved Integration with ES&H Management System
 - ◆ New ES&H/OQBP task force (SSOs & QA Mgr)
 - Updating FESHM & new QA RCA procedure
 - Next will be CAPA, & Assessment Manual
- ◆ Improved S/CI Online Training
- ◆ New Online Assessment Program Training

Office of Quality and Best Practices

Future Targets Against Schedule



Office of Quality and Best Practices

More Discussion Items

◆ FSO OQBP Joint Activities

- ❖ Meeting on impact of H13 Clause on QA & CA 30 Jun 2010
 - PEMP
 - Documents (e.g. assessment program)
 - Schedules
- ❖ Next quarterly DOE QA brief by 15 Oct 2010
- ❖ Next DOE QA assessment (scheduling, criteria, scope etc)

Office of Quality and Best Practices

IQA Implementation

Questions?